

Converting Colors

$Yxy(36.9334, 0.3524, 0.2898)$

Have a look what the booklet for
Yxy(36.9334, 0.3524, 0.2898)
contains.

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Color

Yxy(36.7766, 0.3517, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	D48FB0
RGB	212, 143, 176
RGB Percent	83%, 56%, 69%
CMY	0.1688, 0.4391, 0.3098
CMYK	0.00, 0.33, 0.17, 0.17
HSL	331°, 44%, 70%
HSV	331°, 33%, 83%
XYZ	44.8020, 36.7766, 45.8083
YIQ	167.3930, 30.5310, 24.8910

Conversions

Conversions Part 2

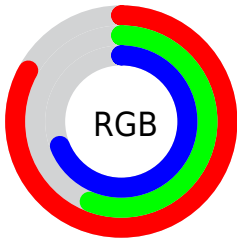
Format	Color
R_{YB}	212, 143, 176
Decimal	13930416
CIE _{Lab}	67.11, 30.90, -6.57
CIE _{LCh}	67, 31.587, 347.994
Yxy	36.7766, 0.3517, 0.2887
Android (android.graphics.Color)	4292120496 (0xFFD48FB0)
YUV	167.3930, 4.2433, 39.1203
Hunter-Lab	60.6437, 25.7446, -2.3352

Details

The Yxy color **36.7766, 0.3517, 0.2887** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.1652, 0.2859, 0.3735**, and the grayscale version is **38.8137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0187, 0.3322, 0.2938**, and **16.1774, 0.3624, 0.2769** is the 20% darker color. If you saturate the color by 10%, you get **30.5828, 0.3689, 0.2761**, and if you desaturate by 10%, it is **44.2119, 0.3371, 0.3015**.

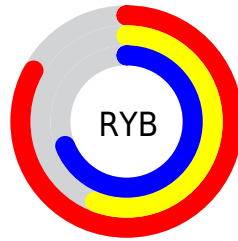
Distribution



Red (83%)

Green (56%)

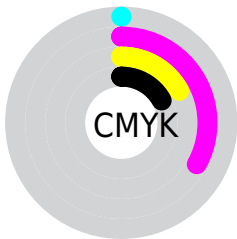
Blue (69%)



Red (83%)

Yellow (56%)

Blue (69%)

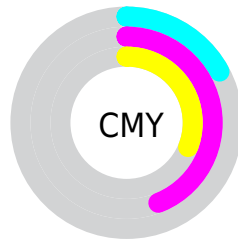


Cyan (0%)

Magenta (33%)

Yellow (17%)

Black (17%)



Cyan (17%)


Magenta (44%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7766, 0.3517, 0.2887 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 36.7766, 0.3517, 0.2887 by changing the saturation by 10% instead.


 36.7766, 0.3517,
0.2887


 36.7766, 0.3517,
0.2887


332.3423, 0.3318,
0.3090

 25.0346, 0.3568,
0.2836


 70.2291, 0.3443,
0.2961

 16.1028, 0.3635,
0.2770


 92.7083, 0.3416,
0.2989

 9.5969, 0.3725,
0.2681


119.5354, 0.3393,
0.3013

 5.1325, 0.3855,
0.2556

151.0947, 0.3374,
0.3033

 2.3252, 0.4054,
0.2369

187.7706, 0.3357,
0.3050

 0.7870, 0.4404,
0.2051

229.9476, 0.3342,


 0.0000, 0.8023,


0.3065


0.0000


278.0101, 0.3329,
0.3079

 0.0000, 0.0000,
0.0000


 36.7766, 0.3517,
0.2887

 36.7766, 0.3517,
0.2887


 30.5828, 0.3689,
0.2761


 44.2119, 0.3371,
0.3015


 25.5566, 0.3890,
0.2645


 52.9468, 0.3250,
0.3141


 21.6243, 0.4118,
0.2550

 63.0423, 0.3150,
0.3261


 18.7013, 0.4367,
0.2489


 74.5536, 0.3067,
0.3373


 16.6906, 0.4628,
0.2473

 87.5329, 0.2998,
0.3477

 15.4757, 0.4886,
0.2511

 91.9435, 0.2938,
0.3421

 14.9386, 0.5072,
0.2568

 92.6296, 0.2880,
0.3306

 92.7317, 0.2871,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.7766, 0.3030, 0.2635



36.7766, 0.3517, 0.2887



36.7766, 0.3915, 0.3235

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.7766, 0.3517, 0.2887



36.7766, 0.3627, 0.4145



36.7766, 0.2257, 0.2850

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.7766, 0.3517, 0.2887



56.1652, 0.2859, 0.3735

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.7766, 0.2390, 0.3271



36.7766, 0.3517, 0.2887



36.7766, 0.3166, 0.4081

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.7766, 0.3517, 0.2887



36.7766, 0.3969, 0.3954



36.7766, 0.2715, 0.3744



36.7766, 0.2332, 0.2594

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.7766, 0.3517, 0.2887



36.7766, 0.4057, 0.3490



36.7766, 0.2715, 0.3744



36.7766, 0.2279, 0.2976

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.7783, 0.3517, 0.2887



83.9682, 0.3224, 0.3171



33.9451, 0.2855, 0.2410



17.5274, 0.3239, 0.3153



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.7783, 0.3517, 0.2887



49.2033, 0.3633, 0.2800



35.9747, 0.3870, 0.3307



12.5187, 0.3217, 0.3179



9.2459, 0.5039, 0.2549



0.5743, 0.4640, 0.2330

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.7783, 0.3517, 0.2887



49.2033, 0.3633, 0.2800



57.0901, 0.2664, 0.3274



12.5187, 0.3217, 0.3179



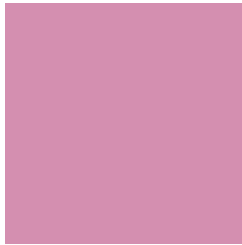
9.2459, 0.5039, 0.2549



0.5743, 0.4640, 0.2330

Previews

White Background



This preview shows how the Yxy color 36.7766, 0.3517, 0.2887 looks on a white background.

Color Contrast Check

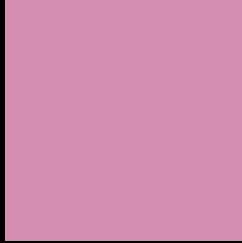
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 36.7766, 0.3517, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

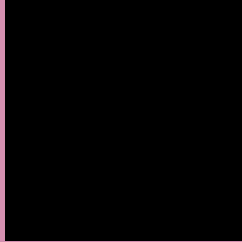
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.7766, 0.3517, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 36.7766, 0.3517, 0.2887.



This preview shows how white text looks on a background with the Yxy color 36.7766, 0.3517, 0.2887.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.7766, 0.3517, 0.2887

Protanopia

36.8424, 0.2883, 0.2926

Deuteranopia

36.9274, 0.3155, 0.3097



Tritanopia

36.6937, 0.3691, 0.3154

Trichromacy



Original Color

36.7766, 0.3517, 0.2887

Protanomaly

36.3684, 0.3088, 0.2900

Deuteranomaly

36.5298, 0.3279, 0.3012

Tritanomaly

36.7800, 0.3629, 0.3055

Monochromacy



Original Color

36.7766, 0.3517, 0.2887

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.4233, 0.3261, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7766, 0.3517, 0.2887 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 143, 176)` looks like.

```
.text, #text, p{  
    color:rgb(212, 143, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 143, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 143, 176) }
```

Border

The CSS property to change the border of an element to Yxy 36.7766, 0.3517, 0.2887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 143, 176) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 143, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 143, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 143, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 143, 176);  
box-shadow:4px 4px 4px 4px rgb(212, 143,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7766, 0.3517, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 143, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
143, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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